



ACHIEVING WORKER MINIMIZATION WITH AN IMC

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**CBDPP BEST PRACTICES AND
LESSONS LEARNED WORKSHOP
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DOE N440.1

REQUIREMENTS

- Purpose: Reduce number of current workers exposed to beryllium
- Objective: Minimize number of current workers exposed to beryllium
- Exposure Reduction and Minimization: Manage exposures by minimizing the number of current workers exposed & potentially exposed

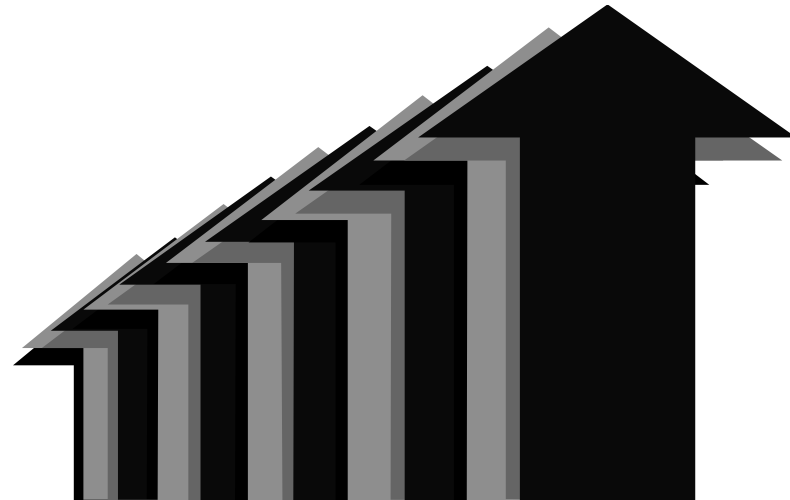
NOTICE

INTERPRETATIONS

- Minimize the total number of current workers with beryllium exposures
- Minimize the number of new workers exposed to beryllium - no previous history of beryllium exposure
- Minimize the number of workers exposed per activity

DOE CONTRACTING STRATEGY

POTENTIAL ISSUE:



- Promotes subcontracting - Increases number of new Be workers with no prior history of exposure

PROBLEM

- The total number of workers at risk will increase as newly exposed workers became current workers
- Becoming a former worker may not necessarily reduce/eliminate risk of disease and therefore requires continued medical monitoring

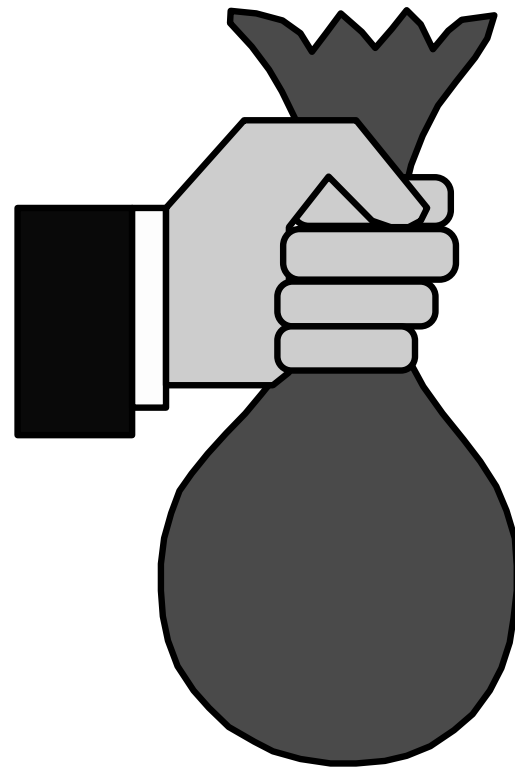
EXAMPLE

	<u>YR-1</u>	<u>YR-2</u>	<u>YR-3</u>
Current BeW	100	100	100
Former BeW	0	50	100
New BeW	0	50	50
Total BeW	100	150	200
Cases	2	3	4

Assumes 50% turnover of current workers and a 2% case rate

POTENTIAL COSTS TO DOE

- Reimbursable costs
- Medical monitoring
- Moral obligation



MEDICAL MONITORING

- FY91-98: \$13.6 million
 - Current and former workers
 - Insufficient funding - Backlog exists for LPTs and clinical work-ups
- Projected Costs: \$60 million
 - \$3 million / year
 - Life of program assumed at 20 years



AVAILABLE OPTIONS

- Establish pool of beryllium workers for use by all contractors
- Use sole source contracting
- Require cost/benefit analysis
- Establish performance measure
 - fee and non-fee
- Require periodic reports and justification for any increase

K-H CBDPP PLAN - Jan 98

- K-H Responsibilities
 - Minimize number of Be workers as much as possible or allowed by contract
 - Develop strategies to minimize the overall number of Be workers
- Exposure Reduction and Minimization
 - Goal: Minimize the number of exposed workers per activity

TECHNICAL DIRECTION

- Give priority consideration to contractors who will use existing beryllium workers
- Use other strategies as appropriate
- Report number of beryllium workers on monthly basis
- Establish performance measure

K-H CBDPP PLAN - May 98

- **K-H Responsibilities**

- Minimize number of Be workers as much as possible or allowed by contract
- New Be workers will require written approval of K-H management
- Number of new Be workers will be tracked and reported to DOE
- Develop strategies to minimize the overall number of Be workers

K-H CBDPP PLAN - May 98

- Exposure Reduction and Minimization
Goal: Minimize the number of exposed workers per activity

LESSON LEARNED

- The IMC provides options that can be followed to address worker protection issues
 - Requires management of subcontracting processes with worker protection as a priority
 - May require retraining of existing beryllium workers